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## SEQUENCE LISTING

&lt;110&gt; Wang, Hwa-Chain R.

<120> ANTIBODY COMPOSITIONS SPECIFIC FOR p33QIK AND p63KRS1  
POLYPEPTIDES AND USES THEREOF

&lt;130&gt; 4350.000800

&lt;140&gt; Unknown

&lt;141&gt; 2001-03-30

&lt;150&gt; 60/193,550

&lt;151&gt; 2000-03-31

&lt;160&gt; 76

&lt;170&gt; PatentIn Ver. 2.1

&lt;210&gt; 1

&lt;211&gt; 1476

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

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&lt;210&gt; 2

&lt;211&gt; 491

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

4350.000800

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&lt;400&gt; 2

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Gln	Glu	Ile	Ile	Lys	Glu	Ile	Ser	Ile	Met	Gln	Gln	Cys	Asp	Ser	Pro
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Tyr	Val	Val	Lys	Tyr	Tyr	Gly	Ser	Tyr	Phe	Lys	Asn	Thr	Asp	Leu	Trp
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Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu 290 295 300		
Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu 305 310 315 320		
Leu Asp Ser His Thr Met Val Lys Thr Ser Val Gly Glu Cys Gly Thr 325 330 335		
Met Arg Ala Thr Ser Thr Met Ser Glu Gly Ala Gln Thr Met Ile Glu 340 345 350		
His Asn Ser Thr Met Leu Glu Ser Asp Leu Gly Thr Met Val Ile Asn 355 360 365		
Ser Glu Asp Glu Glu Glu Glu Asp Gly Thr Met Lys Arg Asn Ala Thr 370 375 380		
Ser Pro Gln Val Gln Arg Pro Ser Phe Met Asp Tyr Phe Asp Lys Gln 385 390 395 400		
Asp Phe Lys Asn Lys Ser His Glu Asn Cys Asn Gln Asn Met His Glu 405 410 415		
Pro Phe Pro Met Ser Lys Asn Val Phe Pro Asp Asn Trp Lys Val Pro 420 425 430		
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Gln Met Arg Leu Lys Ala Leu Asp Pro Met Met Glu Arg Glu Ile Glu 450 455 460		
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<210> 3

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 3

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1 5 10 15

- 4 -

<210> 4  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 4  
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<210> 5  
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<212> PRT  
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<220>  
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Pro Phe Ile Lys Asn Ala Lys Pro Val Ser Ile Leu Arg Asp Leu Ile  
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Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg  
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Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser  
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His Thr  
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<210> 6  
<211> 49  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

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Phe Ile Lys Asn Ala Lys Pro Val Ser Ile Leu Arg Asp Leu Ile Thr  
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Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu  
20 25 30  
Leu Glu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His  
35 40 45  
Thr

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<210> 7  
<211> 48  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

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Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu  
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Glu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
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<210> 8  
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Lys Asn Ala Lys Pro Val Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala  
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Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu  
20 25 30  
Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
35 40 45

<210> 9  
<211> 46  
<212> PRT  
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<400> 9  
Asn Ala Lys Pro Val Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala Met  
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Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu

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20 25 30  
Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
35 40 45

<210> 10  
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<212> PRT  
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<400> 10  
Ala Lys Pro Val Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala Met Glu  
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Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu  
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Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
35 40 45

<210> 11  
<211> 44  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 11  
Lys Pro Val Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala Met Glu Ile  
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Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu  
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Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
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<210> 12  
<211> 43  
<212> PRT  
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Pro Val Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala Met Glu Ile Lys  
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U  
T  
A  
G  
-  
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Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Glu  
20 25 30

Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
35 40

<210> 13  
<211> 42  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 13  
Val Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala  
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Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Glu Asn  
20 25 30

Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
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<210> 14  
<211> 41  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 14  
Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys  
1 5 10 15

Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Glu Asn Ser  
20 25 30

Asp Glu Asp Glu Leu Asp Ser His Thr  
35 40

<210> 15  
<211> 40  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 15

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Ile Leu Arg Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg  
1 5 10 15  
His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp  
20 25 30  
Glu Asp Glu Leu Asp Ser His Thr  
35 40

<210> 16  
<211> 39  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 16  
Leu Arg Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His  
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Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu  
20 25 30  
Asp Glu Leu Asp Ser His Thr  
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<210> 17  
<211> 38  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 17  
Arg Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp  
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Glu Leu Asp Ser His Thr  
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<210> 18  
<211> 37  
<212> PRT  
<213> Artificial Sequence

<220>



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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 18

Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu  
1 5 10 15

Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu  
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Leu Asp Ser His Thr  
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<210> 19

<211> 36

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 19

Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln  
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Gln Arg Glu Leu Glu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu  
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Asp Ser His Thr  
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<210> 20

<211> 35

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 20

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Arg Glu Leu Glu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp  
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Ser His Thr  
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<210> 21

<211> 34

<212> PRT

<213> Artificial Sequence

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- 10 -

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 21

Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg  
1 5 10 15

Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser  
20 25 30

His Thr

<210> 22

<211> 33

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 22

Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu  
1 5 10 15

Leu Glu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His  
20 25 30

Thr

<210> 23

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 23

Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu  
1 5 10 15

Glu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
20 25 30

<210> 24

<211> 31

<212> PRT

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P99-070 UTAG-006

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 24

Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu  
1 5 10 15

Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
20 25 30

<210> 25

<211> 29

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

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Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His  
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<210> 26

<211> 28

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 26

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
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Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser  
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<210> 27

<211> 27

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 27

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- 12 -

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp  
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<210> 28  
<211> 26  
<212> PRT  
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<400> 28  
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Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu  
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<210> 29  
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<212> PRT  
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<400> 29  
Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu  
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<210> 30  
<211> 24  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 30  
Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
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Glu Glu Glu Asn Ser Asp Glu Asp  
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<210> 31

- 13 -

<211> 23  
<212> PRT  
<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 31

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu  
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<210> 32

<211> 22

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 32

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
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Glu Glu Glu Asn Ser Asp  
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<210> 33

<211> 21

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 33

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
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Glu Glu Glu Asn Ser  
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<210> 34

<211> 20

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

4350.000800  
P99-070 UTAG-006

- 14 -

<400> 34

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
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Glu Glu Glu Asn  
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<210> 35

<211> 19

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 35

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
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Glu Glu Glu

<210> 36

<211> 18

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 36

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
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Glu Glu

<210> 37

<211> 29

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 37

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1 5 10 15

Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
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4350.000800  
P99-070 UTAG-006

- 15 -

<210> 38  
<211> 28  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 38  
Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu  
1 5 10 15

Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
20 25

<210> 39  
<211> 27  
<212> PRT  
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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 39  
Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Glu  
1 5 10 15

Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
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<210> 40  
<211> 26  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 40  
Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Glu Asn  
1 5 10 15

Ser Asp Glu Asp Glu Leu Asp Ser His Thr  
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<210> 41  
<211> 25  
<212> PRT  
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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 41

Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser  
1 5 10 15

Asp Glu Asp Glu Leu Asp Ser His Thr  
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<210> 42

<211> 24

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 42

His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp  
1 5 10 15

Glu Asp Glu Leu Asp Ser His Thr  
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<210> 43

<211> 23

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 43

Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu  
1 5 10 15

Asp Glu Leu Asp Ser His Thr  
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<210> 44

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 44

Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp  
1 5 10 15

Glu Leu Asp Ser His Thr  
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<210> 48
<211> 18
<212> PRT
<213> Artificial Sequence
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Sex					
Male		0.00	0.01	-0.02, 0.02	0.98
Female		0.00	0.01	-0.02, 0.02	0.98
Education	Year	0.01	0.01	-0.01, 0.03	0.35
Income	Year	0.01	0.01	-0.01, 0.03	0.35
Health status					
Good		0.00	0.01	-0.02, 0.02	0.98
Poor		0.00	0.01	-0.02, 0.02	0.98
Marital status					
Married		0.00	0.01	-0.02, 0.02	0.98
Single		0.00	0.01	-0.02, 0.02	0.98
Occupation					
Professional		0.00	0.01	-0.02, 0.02	0.98
Managerial		0.00	0.01	-0.02, 0.02	0.98
Skilled		0.00	0.01	-0.02, 0.02	0.98
Unskilled		0.00	0.01	-0.02, 0.02	0.98
Religion					
Christian		0.00	0.01	-0.02, 0.02	0.98
Muslim		0.00	0.01	-0.02, 0.02	0.98
Hindu		0.00	0.01	-0.02, 0.02	0.98
Buddhist		0.00	0.01	-0.02, 0.02	0.98
Other		0.00	0.01	-0.02, 0.02	0.98
Region					
North		0.00	0.01	-0.02, 0.02	0.98
South		0.00	0.01	-0.02, 0.02	0.98
East		0.00	0.01	-0.02, 0.02	0.98
West		0.00	0.01	-0.02, 0.02	0.98
Central		0.00	0.01	-0.02, 0.02	0.98
Other		0.00	0.01	-0.02, 0.02	0.98
Time	Year	0.01	0.01	-0.01, 0.03	0.35
Time squared	Year squared	0.00	0.00	-0.00, 0.00	0.98
Time cubed	Year cubed	0.00	0.00	-0.00, 0.00	0.98
Time quartic	Year quartic	0.00	0.00	-0.00, 0.00	0.98
Time quintic	Year quintic	0.00	0.00	-0.00, 0.00	0.98
Time sextic	Year sextic	0.00	0.00	-0.00, 0.00	0.98
Time septic	Year septic	0.00	0.00	-0.00, 0.00	0.98
Time octic	Year octic	0.00	0.00	-0.00, 0.00	0.98
Time nonic	Year nonic	0.00	0.00	-0.00, 0.00	0.98
Time decic	Year decic	0.00	0.00	-0.00, 0.00	0.98
Time undecic	Year undecic	0.00	0.00	-0.00, 0.00	0.98
Time duodecic	Year duodecic	0.00	0.00	-0.00, 0.00	0.98
Time tredecic	Year tredecic	0.00	0.00	-0.00, 0.00	0.98
Time quattuordecic	Year quattuordecic	0.00	0.00	-0.00, 0.00	0.98
Time quindecic	Year quindecic	0.00	0.00	-0.00, 0.00	0.98
Time sexdecic	Year sexdecic	0.00	0.00	-0.00, 0.00	0.98
Time septendecic	Year septendecic	0.00	0.00	-0.00, 0.00	0.98
Time octodecic	Year octodecic	0.00	0.00	-0.00, 0.00	0.98
Time novemdecic	Year novemdecic	0.00	0.00	-0.00, 0.00	0.98
Time vigintic	Year vigintic	0.00	0.00	-0.00, 0.00	0.98
Time unvigintic	Year unvigintic	0.00	0.00	-0.00, 0.00	0.98
Time bivigintic	Year bivigintic	0.00	0.00	-0.00, 0.00	0.98
Time trivigintic	Year trivigintic	0.00	0.00	-0.00, 0.00	0.98
Time quadvigintic	Year quadvigintic	0.00	0.00	-0.00, 0.00	0.98
Time quinvigintic	Year quinvigintic	0.00	0.00	-0.00, 0.00	0.98
Time sexvigintic	Year sexvigintic	0.00	0.00	-0.00, 0.00	0.98
Time septenvigintic	Year septenvigintic	0.00	0.00	-0.00, 0.00	0.98
Time octovigintic	Year octovigintic	0.00	0.00	-0.00, 0.00	0.98
Time novenvigintic	Year novenvigintic	0.00	0.00	-0.00, 0	

Met Val

Variable	Mean	Standard deviation	Minimum	Maximum
Age	34.5	10.5	20	55
Gender	Male	Female	Male	Female
Marital status	Married	Single	Married	Single
Education	High school	College	High school	College
Income	\$10,000	\$20,000	\$10,000	\$20,000
Health status	Good	Fair	Good	Fair
Exercise frequency	Weekly	Monthly	Weekly	Monthly
Stress level	Low	High	Low	High
Smoking status	Smoker	Non-smoker	Smoker	Non-smoker
Alcohol consumption	Regular	Occasional	Regular	Occasional
Family size	2	3	2	3
Home ownership	Owner	Renter	Owner	Renter
Commute time	30 min	45 min	30 min	45 min
Job satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Work-life balance	Good	Poor	Good	Poor
Health insurance	Yes	No	Yes	No
Access to healthcare	Yes	No	Yes	No
Healthcare costs	Low	High	Low	High
Healthcare quality	Good	Poor	Good	Poor
Healthcare access	Easy	Difficult	Easy	Difficult
Healthcare affordability	Yes	No	Yes	No
Healthcare availability	Yes	No	Yes	No
Healthcare quality of care	Good	Poor	Good	Poor
Healthcare patient satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare provider satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system efficiency	High	Low	High	Low
Healthcare system effectiveness	High	Low	High	Low
Healthcare system equity	High	Low	High	Low
Healthcare system transparency	High	Low	High	Low
Healthcare system accountability	High	Low	High	Low
Healthcare system integrity	High	Low	High	Low
Healthcare system trustworthiness	High	Low	High	Low
Healthcare system reliability	High	Low	High	Low
Healthcare system security	High	Low	High	Low
Healthcare system safety	High	Low	High	Low
Healthcare system quality of care	Good	Poor	Good	Poor
Healthcare system patient satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system provider satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system efficiency	High	Low	High	Low
Healthcare system effectiveness	High	Low	High	Low
Healthcare system equity	High	Low	High	Low
Healthcare system transparency	High	Low	High	Low
Healthcare system accountability	High	Low	High	Low
Healthcare system integrity	High	Low	High	Low
Healthcare system trustworthiness	High	Low	High	Low
Healthcare system reliability	High	Low	High	Low
Healthcare system security	High	Low	High	Low
Healthcare system safety	High	Low	High	Low
Healthcare system quality of care	Good	Poor	Good	Poor
Healthcare system patient satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system provider satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system efficiency	High	Low	High	Low
Healthcare system effectiveness	High	Low	High	Low
Healthcare system equity	High	Low	High	Low
Healthcare system transparency	High	Low	High	Low
Healthcare system accountability	High	Low	High	Low
Healthcare system integrity	High	Low	High	Low
Healthcare system trustworthiness	High	Low	High	Low
Healthcare system reliability	High	Low	High	Low
Healthcare system security	High	Low	High	Low
Healthcare system safety	High	Low	High	Low
Healthcare system quality of care	Good	Poor	Good	Poor
Healthcare system patient satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system provider satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system efficiency	High	Low	High	Low
Healthcare system effectiveness	High	Low	High	Low
Healthcare system equity	High	Low	High	Low
Healthcare system transparency	High	Low	High	Low
Healthcare system accountability	High	Low	High	Low
Healthcare system integrity	High	Low	High	Low
Healthcare system trustworthiness	High	Low	High	Low
Healthcare system reliability	High	Low	High	Low
Healthcare system security	High	Low	High	Low
Healthcare system safety	High	Low	High	Low
Healthcare system quality of care	Good	Poor	Good	Poor
Healthcare system patient satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system provider satisfaction	Satisfied	Dissatisfied	Satisfied	Dissatisfied
Healthcare system efficiency	High	Low	High	Low
Healthcare system effectiveness	High	Low	High	Low
Healthcare system equity	High	Low	High	Low
Healthcare system transparency	High	Low	High	Low
Healthcare system accountability	High	Low	High	Low
Healthcare system integrity	High	Low	High	Low
Healthcare system trustworthiness	High	Low	High	Low
Healthcare system reliability	High	Low	High	Low
Healthcare system security	High	Low	High	Low
Healthcare system safety	High	Low	High	Low
Healthcare system quality of care	Good	Poor	Good	Poor
Healthcare system patient satisfaction	Satisfied			

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<210> 52  
<211> 38  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 52

Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg  
1 5 10 15

Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser  
20 25 30

His Thr Met Val Lys Thr  
35

<210> 53  
<211> 42  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 53

Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp Glu Gln  
1 5 10 15

Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu  
20 25 30

Asp Ser His Thr Met Val Lys Thr Ser Val  
35 40

<210> 54  
<211> 46  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 54

Arg Asp Leu Ile Thr Glu Ala Met Glu Ile Lys Ala Lys Arg His Asp  
1 5 10 15

Glu Gln Gln Arg Glu Leu Glu Glu Glu Glu Asn Ser Asp Glu Asp

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<210> 57
<211> 58
<212> PRT
<213> Artificial Sequence
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- 21 -

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 57

Lys Pro Val Ser Ile Leu Arg Asp Leu Ile Thr Glu Ala Met Glu Ile  
1 5 10 15

Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu Glu  
20 25 30

Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val Lys Thr  
35 40 45

Ser Val Gly Glu Cys Gly Thr Met Arg Ala  
50 55

<210> 58

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 58

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met  
20 25 30

<210> 59

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 59

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30

<210> 60

<211> 33

<212> PRT

- 22 -

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 60

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30

Lys

<210> 61

<211> 34

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 61

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30

Lys Thr

<210> 62

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 62

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30

Lys Thr Ser  
35

<210> 63

<211> 36

<212> PRT

<213> Artificial Sequence

UTAG-006

- 23 -

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 63

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30

Lys Thr Ser Val  
35

<210> 64

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 64

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30

Lys Thr Ser Val Gly  
35

<210> 65

<211> 38

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 65

Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15

Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30

Lys Thr Ser Val Gly Glu  
35

<210> 66

<211> 39

<212> PRT

<213> Artificial Sequence

4350.000800  
P99-070 UTAG-006

<210> 69

Variable	Mean	SD	Min	Max	Skewness	Kurtosis	Normality
Age	35.5	10.5	20	65	-0.1	3.2	0.98
Gender	0.5	0.5	0	1	0.0	0.0	0.99
Marital Status	0.7	0.5	0	1	0.0	0.0	0.99
Education	12.5	2.5	9	16	-0.2	3.0	0.98
Income	1500	500	500	3000	0.5	2.5	0.95
Health	0.8	0.4	0	1	0.0	0.0	0.99
Stress	4.5	1.5	1	7	0.2	2.8	0.97
Depression	2.5	1.0	1	5	0.1	2.9	0.98
Life Satisfaction	5.5	1.0	4	7	-0.1	3.1	0.98
Work Satisfaction	4.0	1.0	3	5	0.0	3.0	0.99
Family Satisfaction	4.5	1.0	3	5	0.0	3.0	0.99
Community Satisfaction	4.0	1.0	3	5	0.0	3.0	0.99
Overall Satisfaction	4.5	1.0	3	5	0.0	3.0	0.99



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<211> 42  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 69  
Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15  
Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30  
Lys Thr Ser Val Gly Glu Cys Gly Thr Met  
35 40

<210> 70  
<211> 43  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 70  
Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15  
Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30  
Lys Thr Ser Val Gly Glu Cys Gly Thr Met Arg  
35 40

<210> 71  
<211> 44  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: SYNTHETIC PEPTIDE

<400> 71  
Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15  
Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30  
Lys Thr Ser Val Gly Glu Cys Gly Thr Met Arg Ala  
35 40

4350.000800  
P99-070 UTAG-006

<400> 72  
Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15  
Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30  
Lys Thr Ser Val Gly Glu Cys Gly Thr Met Arg Ala Thr  
35 40 45

<400> 73  
Glu Ile Lys Ala Lys Arg His Asp Glu Gln Gln Arg Glu Leu Glu Glu  
1 5 10 15  
Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met Val  
20 25 30  
Lys Thr Ser Val Gly Glu Cys Gly Thr Met Arg Ala Thr Ser  
35 40 45

<400> 74  
Glu Glu Glu Glu Asn Ser Asp Glu Asp Glu Leu Asp Ser His Thr Met  
1 5 10 15  
Val Lys Thr Ser Val Gly Glu Cys Gly Thr Met Arg Ala Thr  
20 25 30

$$\begin{aligned} \langle 210 \rangle & 75 \\ \langle 211 \rangle & 30 \end{aligned}$$

Asp Glu Asp Glu Leu Asp Ser His Thr Met Val Lys Thr Ser  
20 25 30

Variable	Mean	Standard deviation	Minimum	Maximum
Age	34.5	10.5	20	65
Gender	0.5	0.5	0	1
Marital status	0.5	0.5	0	1
Education	12.5	1.5	10	16
Income	15.5	5.5	10	30
Health status	1.5	0.5	1	2
Life satisfaction	4.5	1.5	1	7
Work satisfaction	3.5	1.5	1	7
Family satisfaction	4.5	1.5	1	7
Community satisfaction	3.5	1.5	1	7
Overall satisfaction	3.5	1.5	1	7